



# FEEDLINE



BULLETIN OF THE CANTON AMATEUR RADIO CLUB  
Affiliated with the "American Radio Relay League"

APRIL....1984

Pres Scott Duncan	KK8D	Public Relations Dave Beltz	WD8AYE
Vice Pres Gary Osborn	WA8ADA	Editor Bill Parks	K8JZN
Sec Treas Art Schermerhorn	W8FEC	Assistant Mickie Parks	XYL

#### Trustees

Jess Wilson	W8LDQ	Dick Stellarini	WB8VUN
Charles Wilson	K8BYC	Frank Paprzycki	KE8G
Harley Ball	W8ETK	Herb J Bushong	WD8IPE

The C A R C meets the third Wednesday of the month at 7:30 PM.  
NEXT MEETING IS APRIL 18th at the Emergency Preparedness Center.

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#### MARCH TRUSTEE MEETING

Trustee meeting was called by Pres Scott Duncan KK8D, at Brunnerdale, on Friday March 9th.

Discussed Auction- Seems to be going according to plans. Duties assigned and much cooperation witnessed, particularly as applies to the Food Service. There will be no "Call-In" prize, but there will be door prizes, in addition to the three main prizes.

Discussed, but no decision reached, new club year. Break down the Sec-Treas duties, to Secretary and a Treasurer. Proposed by Scott KK8D. I concur, only if the Secy acts, as the central individual for files and correspondence for sub committees. Further, the Secy must work with others, in getting more members, and keeping them. Reference the ARRL list, and also the new directory. More people should be contacted. Sec should work with Dick WB8VUN, reference the Volunteer Exam Program, which should show signs of life soon.

Field Day- We're in the rut. Same thing each year. Questioned whether computer file - for dups - could be used. Others feel line voltage is too fluctuating- no decision. Think we should attempt to find effective antennas, that can be erected, in a short period of time. Not sure an emergency, will wait for that 60ft monster!!! No - not the beam - although that is a monster too!!

Another no decision - should QST subscribers, be given a club category such as an Associate Membership vs a paid Associate, or whatever???

Timken Company, may make available to the club, a quantity of furniture previously used in engineering, as far as I can determine. Charlie K8BYC started this, Dick WB8VUN checked with his office and apparently confirmed this, along with I think, an inventory, which includes desks chairs and etc. Club members get first choice. Not firm on how items will be issued or stored. Dick WB8VUN, will get with Scott on this.

Hamfest- some plans started. Next meeting 7:30 PM, March 19 at Country Manor Restaurant, Rt 62 east.

Art W8FEC Sec-Treas

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#### ARRL MEMBERSHIP

Just another reminder, when ordering, or renewing your ARRL membership send check to Sec-Treas, Art Schermerhorn, 505 E. Mohawk Dr., Malvern, Ohio 44644. The club is authorized, to deduct \$2.00 per subscription. Rates vary, depending on age, contact Secy for quote.

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#### MINUTES OF MARCH CARC MEETING

Well, that March meeting was a cluttered one. What with the short "test" on DX prefixes, a short business meeting, a judging of the few entries in the Construction Contest, and the presentation of "Feedline Measurement", it was a long time to donuts.

The short events first. In the Construction Contest, Mike WB8VGE, gets the QST subscription. The judging, done by WA8RQX, WD8PTU, WA8SVO, and KA8RRB, favored Mike, because of the apparent complexity, of a modified project.

The DX prefixes, many used last month by Nelson W8EAR, in his slide presentation, were known by several, so the "Grand Prizes" were spread put to several. Thanks to Charlie K8BYC, the freebies were two speakers and the usual free (or cheap) magazines. Perhaps that is the reason why Bob WA8RQX, was chosen to judge the construction projects. An eye for an eye!!

The business meeting - well - we did have introductions... We didn't have the monthly financial report. Seems the president oughta be checking on his Treasurer. The weather is Acapulco, is pretty nice now days and the "banks" cup "runneth over". The Auction financial report, was mentioned in passing, however. Seems like it was one of the more profitable years. But oh those sore backs! Total income was \$2383.29. Total expenses were \$1103.58. Got your calculators handy? Gains made by the Food Service, was \$117.79, tickets (for advanced, gate and special sales) was \$884, table space sales, \$24, and Auction, \$853.92. Total, almost \$1280 for the club. Thanks to all who helped in the affair. It was a long night. The Auctioneer was his usual superb self. Complacent never a hurried word, infinite patience - that's George W8YHU. To you many THANKS George!!!!

So, with that away, did you find Paul's talk, within your realm of interest? You should, if you're considering upgrading. 'Course, you Extras, knew it all the time, didn't you?? Paul W8ORJ (dad of KC8XQ) gave some mighty fine information for the experimenter. If you are not familiar with the grid dip meter, or the dip meter, if transistorized, you are missing a heck of a lot of good fun! There are so many uses for this handy gadget, every station should have one. Paul showed us how to determine lengths of transmission line, for matching to antennas, or perhaps to another length of different characteristic impedance transmission line. He explained the relationship of radio waves moving thru

free space, versus thru material having a dielectric, other than air. Yep, it's called the Velocity Factor. With the dip meter and a communications receiver, it picks out the exact frequency, or V.F., in relation to the formula he presented. Paul also had an impedance bridge by which, because of design, can determine the radiation resistance of the antenna, if a complete null is noted on the bridge meter. He states, however, if no complete null is noticed, impedance,  $X_L$  or  $X_C$  is present. In that event, the antenna is not, at that test frequency, at the resonance frequency of the antenna. In that case, make further tests, below, and above the first experimental test frequency. This bridge, shown in the Bill Orr (W6SAI) handbook, is called an Antennascope, and is used in conjunction with a dip meter output. The book (and diagrams) is available, in the main library in Canton.

To augment Paul's presentation, a small "brochure" has been prepared and will be given to those attending the next talk, we have on "Antennas". Date has not yet been established. The "brochure" contains info on the use of the dip meter, in determining L and C of tuned circuits, including traps, resonant frequency measurements of feedlines, and antennas - horizontal, verticals, loops etc., as a wavemeter and even as a field strength meter.

Meeting was adjourned and off to the donuts and eyeball QSO's.

Art W8FEC - Sec/Treas of CARC

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#### AUCTION SUCCESSFUL

Canton Amateur Radio Club's annual Auction-Fest, was a hugh success, thanks to the dedicated efforts of many of our club members, and a long tiresome night of work.

The many items, to sell, arrived by the truck load, one after the other. A decision was made to start the auction an hour early, and it was a wise decision. Our auctioneer, George W8YHU, kept things going at a lively pace, and it was around five hours later, that the hugh pile of items, had finally exchanged owners. I don't know how George's voice held up through out the night, but he kept plugging away, and the hugh task was finally completed.

Then came the time for the big drawing, of the main prizes. First prize the Commodore 64, was won by Pat WB8VLK, second prize, the MFJ interface for RTTY and CW, was won by Dick W8JWP and the third prize, 100ft of RG-8 coax, was won by Perry W8AU.

The food committee, did an outstanding job, and most of the goodies, were sold out. Help for the kitchen, was always on hand, thanks to all the volunteers, that stepped forward and offered their services.

Again, a special "THANKS" to George W8YHU and to the many that pitched in, and gave the helping hands, that through their efforts, sure made the CARC Auction, a successful event.

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#### RECENT UPGRADES

With the cutbacks, by the FCC examiners, the chance to upgrade, are now few and far between. The new VE program, is still a few month away. The first VE exams, will be held at the Dayton Hamvention. As was reported last month, Dayton has been accepted and the eighth district Volunteer Examiner Coordinator. With patience, we will soon have the all Amateur Radio administered exams in place, and the opportunity to upgrade, and you will not have to travel so far to take the exam.

Mainly, through the upgrading class, being sponsored by Massillon ARC, and professionally instructed by their President Perry Ballinger W8AU, even though the class has not concluded, a few of them figured they were ready for the step, went to cleveland, and came back home happy that they succeeded and had that upgrade in their hands.

The three from this class, that were successful, were Thad Mather KA8LEJ to General Class, Julius Erdos KA8RQZ to Technician Class, and Stan Friedman KA8TVU to General Class. Not attending the class, but successful in their efforts, were Rod Bricker KA8MWZ to General Class, and Joi Gratny KA8TAD to General Class. Joi is the wife of KC8XQ, and the daughter-in-law of Paul W8ORJ.

Our congratulations to them, for their accomplishment.

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#### HALL OF FAME HAMFEST MEETING OF MARCH 19th

The Hall of Fame Hamfest Committee, met at the Country Manor Restaurant, in Canton. Hamfest Chairman Butch Lebold WA8SHP, called the meeting to order at 7:30 PM.

Several topics were discussed, including security, programs, prizes, ticket sales, advanced announcements, flyers, and their mailing, and a date for the next meeting.

The prizes were chosen to interest all hams as well as non-hams, to increase ticket sales. Extra tickets, for prizes only, will also be offered for sale.

The line-up of main prizes are, 1st- Icom 745 HF Transceiver with built in power supply and desk mike, 2nd- Commodore 64 computer, 3rd- E-Tek model 2022 directional wattmeter, and 4th- a model GC-4 Icom world clock. Many additional door prizes, will also be obtained.

There will be close to 4000 flyers mailed out, besides a stack of the flyers will be taken to Dayton Hamvention. All clubs in the area, will receive an advanced notice about the hamfest. Forty seven dealers have already received advanced notice of the hamfest.

The next meeting of the hamfest committee, will be on Monday April 16, at the Country Manor Restaurant, on Rt 62 (formerly the Perkins Pancake House). All interested person, are urged to attend and offer your ideas on anyway to improve this important event. Mark your calendar now and bring along a buddy. This is your hamfest so offer your ideas and service. Your recommendations are needed.

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LOCAL HAM CELEBRATES TWO MILESTONES - Stew Walker W8ADQ and wife Mim, celebrated their 50th wedding anniversary, on Saturday March 31st. Then on Sunday, a few of the old timers, dropped in on Stew, and presented him with his sixtieth award, for being active in Amateur Radio for 60 years. Nelson W8EAR, President of Canton Chapter QCWA, Bob W7JRH visiting from Washington, Henry W8OYV and Charlie K8BYC, did the presenting. Congratulations Stew and Mim, from all the members of CARC.

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#### SKYWATCH TIME

Whenever the US Weather Bureau issues a Watch of our area, please check in to the local net, and monitor in case a report is needed from your area. Also, immediately report any high damaging winds, torrential rain fall, large hail and severe lightning. The modern radar, is very good but will not replace the human eye, when it comes to observing the actual weather conditions in your area. It is important, to report what you see, where you saw it, when you saw it and what it was doing. By all means, MONITOR THE REPEATER. You could save many lives.

N1JW	Al	KA8IAB	Joe	KA8RRA	Carl
W3HUY	Les	KA8IFO	John	KA8RRB	Steve
K4FID	Gordy	W8IM/4	Dean	KA8RSP	Ray
KB4FLL	Laura	WD8IPE	Herb	WB8RYG	Chuck
K4ZKA	Fife	KA8IPM	Jerry	WA8SHP	Butch
W5VVK	Phil	K8ISS	John	W8SL	Dewey
N8AAE	Vic	WA8IZR	Bob	W8SPZ	George
WA8ADA	Gary	KD8JN	Randy	W8SSA	Keith
W8ADQ	Stew	W8JWP	Dick	WA8SVO	Ron
KA8AGW	Roger	K8JZN	Bill	W8TD	John
WA8AIU	Earl	W8KDM	Joe	KA8TDQ	Chuck
N8AJU	Sue	KA8KHF	Andy	KA8TLU	Bill
W8AKU	George	KA8KHK	Harry	WB8TQV	Herm
N8ATZ	Terry	KA8KMW	Ray	WA8TSU	Rick
WD8AYA	Pat	KA8KNC	Ed	WA8TUP	Mark
WD8AYB	Frank	WD8KPO	Derald	W8TUW	Gordy
WD8AYE	Dave	K8KTM	John	KA8TVR	Roy
N8AZO	Jim	WA8LAM	Virg	KA8TVS	Jean
N8BM	Jerry	W8LDQ	Jess	KA8TVT	Marion
N8BON	George	W8LDR	Tom	KA8TVU	Stan
W8BTT	Bob	KB8LH	John	KA8TVV	Mike
K8BYC	Charlie	W8LHY	Herb	KA8TYP	Joe
KA8BZK	Dick	W8LNJ	Dave	KA8UCM	Darrell
N8CAH	Jim	W8LNK	Kay	K8UDO	Hal
W8CFJ	Les	WA8LVY	Bob	W8UIL	Paul
WD8CIB	Smitty	WD8MBF	Ron	W8UKT	Paul
KA8CJZ	Don	WD8MBN	John	W8UNE	Ray
WA8CMT	Jim	KA8MHV	Herb	KC8UQ	Rick
WD8CRA	Fred	KA8MHZ	Gary	WB8URG	Chuck
N8CXG	Roger	KA8MIB	Dick	WB8VGE	Mike
KI8D	Jerry	WD8MMG	Art	WB8VLK	Pat
KK8D	Scott	W8MND	Myhrl	WB8VUN	Dick
KA8DAL	Pat	KA8MNS	Bob	WB8VUO	Tom
N8DAM	Dale	WD8MQS	Marie	WB8VXF	George
WA8DBI	Bob	WB8MSE	Marion	W8WNU	Belden
N8DJD	Dick	KA8MWZ	Rod	KC8XQ	Jeff
WA8DKJ	Henry	K8MZS	Chuck	WA8YGU	Chuck
W8DNC	Len	K8MZT	Shirley	W8YHU	George
K8DNZ	Nick	K8NIB	Denny	KA8Z	Tom
N8DQG	Bruce	KA8NRZ	Tom	Mary Krug	
K8DQV	Dick	W8NWR	Bob	Flo Arnold	
WD8DTP	Jim	WA8NZE	Stan	Frank Trubee	
KA8DYC	Bob	K8OBW	Chuck	Edgar Norris	
W8EAR	Nelson	KB8OH	Ike		
N8EIL	Everett	W8OJW	Al		
W8EK	Ken	KC8ON	Warren		
N8ETF	Linda	W8ORJ	Paul		
W8ETK	Harley	KC8OU	Dick		
W8FEC	Art	W8OYV	Henry		
WB8FEP	Vic	WD8PTU	Dave		
W8FEB	Dave	W8PZK	Dick		
KA8FUZ	Frank	K8QNT	Ed		
KE8G	Frank	K8QZL	Dick		
KD8GL	Jay	WA8RIV	Johnny		
W8GSK	Dave	K8RMY	Larry		
K8HWO	Dubb	WA8RQX	Bob		
AJ8I	Paul	KA8RQZ	Julius		

The above CARC Membership List is current as of April 1, 1984. If you don't see your buddies call listed, get after him or her, to join the club. The following individuals are not listed in the above list: